



## Gulf of Mexico Harmful Algal Bloom Bulletin

Region: Texas

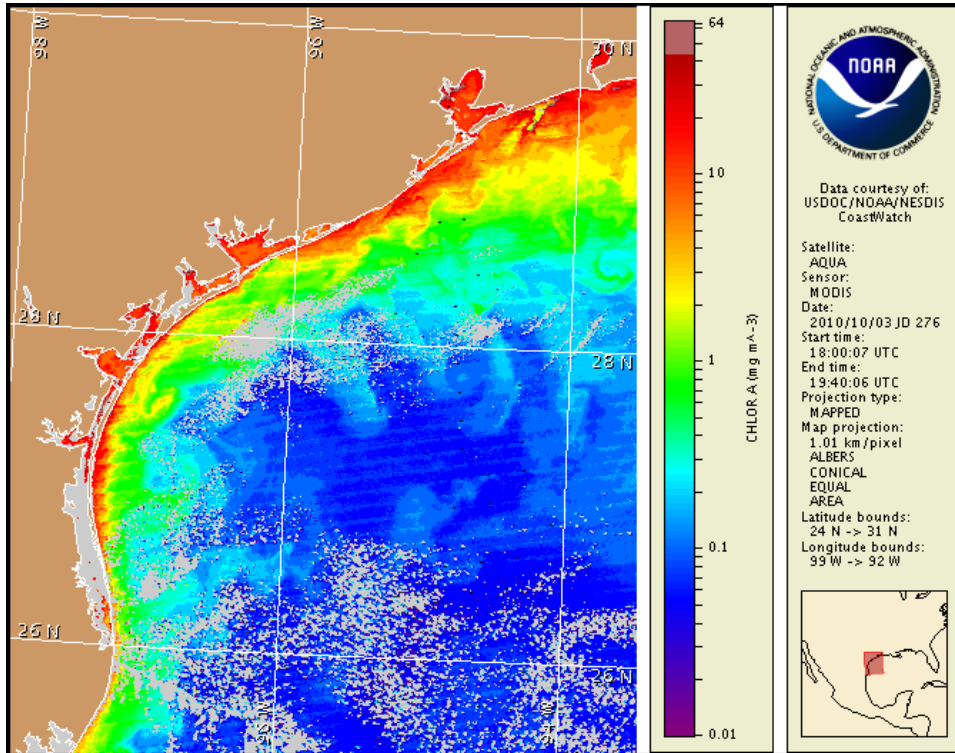
4 October 2010

NOAA Ocean Service

NOAA Satellites and Information Service

NOAA National Weather Service

Last bulletin: September 28, 2010



Satellite chlorophyll image with possible HAB areas shown by red polygon(s). Cell concentration sampling data from September 24 to 30 shown as red (high), orange (medium), yellow (low b), brown (low a), blue (very low b), purple (very low a), pink (present), and green (not present). For a list of cell count data providers and a key to the cell concentration categories, please see the HABFS bulletin guide:

[http://tidesandcurrents.noaa.gov/hab/habfs\\_bulletin\\_guide.pdf](http://tidesandcurrents.noaa.gov/hab/habfs_bulletin_guide.pdf)

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1. Data are restricted to civil marine applications only; i.e. federal, state, and local government use/distribution is permitted.
2. Image products may be published in newspapers. Any other publishing arrangements must receive GeoEye approval via the CoastWatch Program.

## Conditions Report

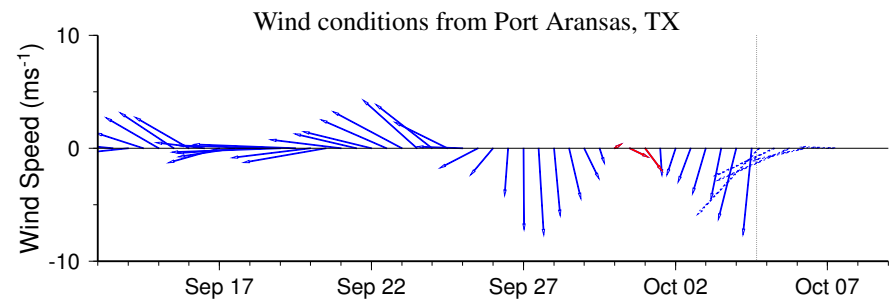
There is currently no indication of a harmful algal bloom at the coast in Texas. No impacts are expected alongshore Texas today through Monday, October 11.

## Analysis

There is currently no indication of a harmful algal bloom along the coast of Texas. Patches of elevated chlorophyll are visible along the coast from Sabine Pass to the Port Mansfield Channel region. Elevated chlorophyll along the coast is likely the result of the resuspension of benthic chlorophyll and sediments and is not related to a harmful algal bloom. Forecast models indicate a potential maximum transport of 130 km along the coast from Port Aransas from October 3- 7.

\*\*Due to a Federal Holiday, the next regular bulletin will be issued on Tuesday, October 12.\*\*

Kavanaugh, Derner

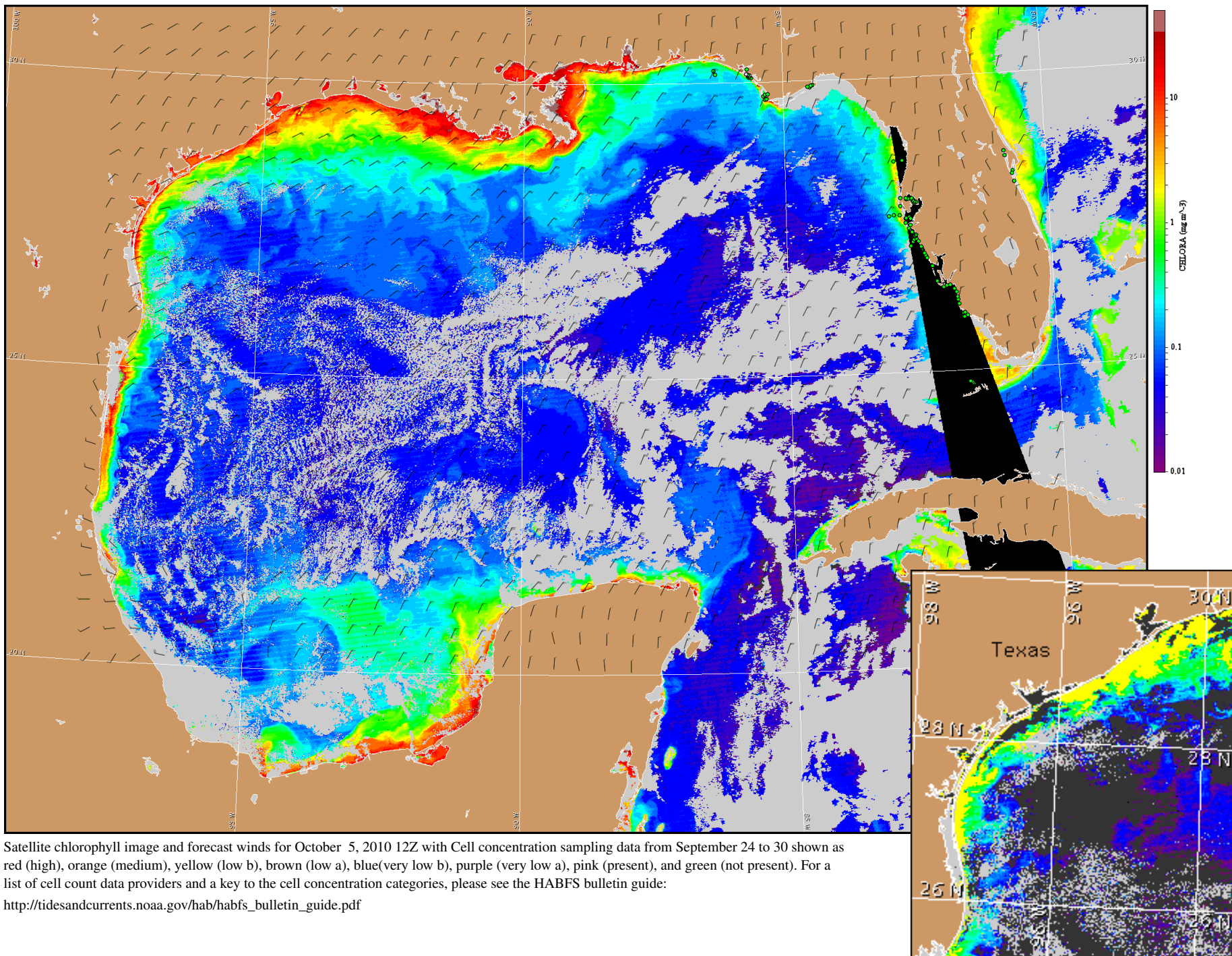


Wind speed and direction are averaged over 12 hours from buoy measurements. Length of line indicates speed; angle indicates direction. Red indicates that the wind direction favors upwelling near the coast. Values to the left of the dotted vertical line are measured values; values to the right are forecasts. Wind observation and forecast data provided by NOAA's National Weather Service (NWS).

## Wind Analysis

Northeast wind (10-15 kn, 5-8 m/s) today becoming an east wind this evening (10 kn, 5 m/s). Northeast wind (5-15 kn, 3-8 m/s) Tuesday through Thursday. East to southeast wind (5 kn, 3 m/s) Friday.

To see previous bulletins and forecasts for other Harmful Algal Bloom Bulletin regions, visit the NOAA CoastWatch bulletin archive: [http://coastwatch.noaa.gov/hab/bulletins\\_ns.htm](http://coastwatch.noaa.gov/hab/bulletins_ns.htm)



Satellite chlorophyll image and forecast winds for October 5, 2010 12Z with Cell concentration sampling data from September 24 to 30 shown as red (high), orange (medium), yellow (low b), brown (low a), blue(very low b), purple (very low a), pink (present), and green (not present). For a list of cell count data providers and a key to the cell concentration categories, please see the HABFS bulletin guide:

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Verified and suspected HAB areas shown in red. Other areas of high chlorophyll concentration shown in yellow (see p. 1 analysis for interpretation).